

New Holland T4000F Series Narrow Tractor Specifications



T4030F T4040F T4050F

MODEL ENGINE†	T4030F	T4040F	T4050F
Type	4-cycle, diesel		
Make	New Holland		
Model	F5C		NEF
Cylinders / aspiration	4 / turbocharged and intercooled		
Displacement, cu. in. (L)	195 (3.2)		274 (4.5)
Block type	Parent bore		
Rated speed, RPM	2300		
Gross engine horsepower†	76	87	95
PTO horsepower†	62	72	82
Torque rise‡, %	39	30	35
Maximum torque‡, lb.-ft. (Nm)	243 (330) @ 1250 rpm	259 (352) @ 1250 rpm	293 (398) @ 1300 rpm
Emission legislation	Tier III		

FUEL, AIR AND LUBRICATION SYSTEM

Injection pump	Bosch VE / rotary		
Injector type	Direct		
Fuel filter type	Dual stage fuel filtering system with water/sediment separator followed by a paper filter element cartridge		
Fuel tank capacity, gal. (L)	19.3 (73)		
Air filter type	Dry / dual element		
Service interval⁴, hours	500		600
Muffler	Under hood		
Exhaust outlet	Under right side of operator's station		

TRANSMISSION

Transmissions:	Base: 16x16 with a mechanical shuttle		
	Option 1: 16x16 with a power shuttle		
	Option 2: 32x16 dual command with a power shuttle		
Clutch type / size (mechanical), in. (mm)	Dry / 11 (280) diameter, heavy-duty cerametallic material		
Clutch type / size (electro-hydraulic), in. (mm)	Wet / six plates 5.2 (133), organic material		
Top speed	Base: 30 KPH / optional: 40 KPH (FWD only)		

FRONT AXLE

2WD front axle			
Steering angle, degrees	55		
Turning radius, ft. (mm)	11.15 (3400)		
SuperSteer™ front axle			
Front differential lock	Fully locking, electro-hydraulic engaged		
Steering angle, degrees	76		
Turning radius, ft. (mm)	10.8 (3300)		

ELECTRICAL

Battery	12 volts / 800 cca		
Alternator	120 amps		
Cold start aid	Grid heater		

HYDRAULIC SYSTEM

System type	Open center		
System pressure, psi (bar)	2755 (190)		
Implement pump flow, gpm, (L/Min)	Base - 12.8 (48.6)		17.2 (65)
	Optional - 17.2 (65) [Base with power shuttle]		
Steering & services pump, (L/Min)	with mechanical shuttle - 7.2 (27)		9.2 (34.8)
	with power shuttle - 9.2 (34.8)		
Remotes valves	2 (base) / 3 (optional)		
Draft control	Mechanical		
Upper / lower limit setting	Lift-O-Matic		
3-Pt hitch lift capacity (24" behind lift point), lbs. (kg)	4045 (1835)		
Front lift and PTO	NA		Optional

†Manufacturer's estimate

N/A- Not Available

‡Affected by sulfur content of the fuel

*Measurements may vary depending on tire size

**with 380/70R24 tires

***with 380/70R20 tires

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REAR PTO			
540/1000 RPM.....		Standard	
Engagement.....		Mechanical with hydraulic Servo-Assist	

TURNING PERFORMANCE

Turning radius			
2WD - without brakes, ft. (m).....		11.1 (3.4)	
SuperSteer FWD - without brakes, ft. (m).....		10.8 (3.3)	
2WD - with Brakes, ft. (m).....		10.2 (3.1)	
SuperSteer FWD - with brakes, ft. (m).....		10.4 (3.2)	
Turn around diameter			
2WD - without brakes, ft. (m).....		13.3 (4.1)	
SuperSteer FWD - without brakes, ft. (m).....		8.4 (2.6)	
2WD - with brakes, ft. (m).....		10.5 (3.2)	
SuperSteer FWD - with brakes, ft. (m).....		6.9 (2.1)	

APPROXIMATE WEIGHTS*

2WD less cab, lb. (kg).....	6089 (2762)	6266 (2842)
2WD cab, lb. (kg).....	6261 (2840)	6460 (2930)
SuperSteer FWD less cab, lb. (kg).....	6243 (2832)	6420 (2912)
SuperSteer FWD cab, lb. (kg).....	6415 (2910)	6614 (3000)

DIMENSIONS

Platform type - cab / rollbar.....	Iso mounted, straddle platform	
Wheelbase		
2WD, in. (mm).....	82.0 (2083)	85.4 (2170)
SuperSteer FWD, in. (mm).....	92.4 (2348)	95.9 (2435)
Tire track widths*		
Front 2WD, in. (mm).....	45.1 (1146) - 63.5 (1612)	
Front SuperSteer FWD, in. (mm).....	41.8 (1062) - 58.7 (1492)	
Rear, in. (mm).....	43.6 (1108) - 61.0 (1550)	
Min. overall width**, in. (mm).....	58.5 (1486)	
Height to top of rollbar***, in. (mm).....	89.5 (2274)	
Height to top of dash***, in. (mm).....	50.8 (1290)	
Height to top of cab***, in. (mm).....	85.5 (2173)	

*Manufacturer's estimate

*Measurements may vary depending on tire size

N/A- Not Available

**with 380/70R24 tires

^aAffected by sulfur content of the fuel

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Visit our Web site at www.newholland.com/na. Or, call toll-free **866-NEW-HLND (866-639-4563)**.

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Safety begins with a thorough understanding of the equipment. Always make sure you and your operators read the Operator's Manual before using the equipment. Pay close attention to all safety and operating decals and never operate machinery without all shields, protective devices and structures in place.